

Tuross Sewage Treatment Plant - Monthly Result Summary - July 2024



Anniversary Date: 1-Apr-24
Published Date: 7-Aug-24

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-24 to 31-Mar-25
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183820&SYSUID=1&LICID=3108>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: Jul-24

Licence Point 1 (Discharge to Waters) and 4 (Discharge to Utilisation Area) - Concentration Limits			
Parameters	Unit of Measure	50 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	15	20
Oil and Grease	(mg/L)		10
Total Suspended Solids	(mg/L)	20	30
Total Nitrogen	(mg/L)		
Total Phosphorus	(mg/L)		

See Note 1

Note 1: A 100 Percentile Concentration Limit of "10 mg/L and no visible oil and grease" applies for Point 1.

Note 2: The monitoring at Point 3, required by Condition M2.1, is conducted by the licensee to determine compliance with limits specified for discharges to Points 1 and 4 as described in Condition L3.

Licence Point 3 - Effluent Quality Monitoring (Monthly Results)							
Sample Frequency	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Composite Sample		
Sampling Method	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Obtained Date	
Sampled Date	9-Jul-24	4.00	<5	8.00	7.24	1.54	23-Jul-24
100 Percentile Exceedance?	NO	NO	NO	NO	NO		

Licence Point 3 - Effluent Quality Monitoring (Year To Date Results)					
Year to Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
Samples	4	4	4	4	4
Min	<2	<5	4.00	5.74	0.96
Mean	2.25	2.50	5.50	7.37	2.09
Median (50th %ile)	2.00	2.50	5.00	6.76	2.15
90th %ile	3.70	2.50	7.40	9.31	3.00
Max (100th %ile)	4.00	<5	8.00	10.20	3.10

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Licence Point 2 - Influent Volume Monitoring

Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	7000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-Jul-24	0.2	431.4	NO
2-Jul-24	15.6	584.7	NO
3-Jul-24	0.6	654.1	NO
4-Jul-24	15.6	917.7	NO
5-Jul-24	0	761.3	NO
6-Jul-24	0	648.3	NO
7-Jul-24	1.6	604.0	NO
8-Jul-24	1.6	613.9	NO
9-Jul-24	0.6	609.5	NO
10-Jul-24	0.8	667.3	NO
11-Jul-24	0	655.6	NO
12-Jul-24	0	631.0	NO
13-Jul-24	0	619.0	NO
14-Jul-24	0	590.0	NO
15-Jul-24	0	550.7	NO
16-Jul-24	0	587.7	NO
17-Jul-24	0	423.5	NO
18-Jul-24	0	519.5	NO
19-Jul-24	0	512.5	NO
20-Jul-24	0	530.6	NO
21-Jul-24	0	525.1	NO
22-Jul-24	0	468.2	NO
23-Jul-24	0	421.6	NO
24-Jul-24	0	493.0	NO
25-Jul-24	0	464.7	NO
26-Jul-24	0	477.2	NO
27-Jul-24	0	477.5	NO
28-Jul-24	0	438.2	NO
29-Jul-24	0	435.4	NO
30-Jul-24	0	421.9	NO
31-Jul-24	0	416.2	NO
Monthly Total	36.6	17151.1	
Monthly Minimum	0	416.17	
Monthly Mean	1.18	553.26	
Monthly Maximum	15.6	917.68	
Year to Date Total	478.36	81880.89	
Year to Date Minimum	0	363.7	
Year to Date Mean	3.92	671.15	
Year to Date Maximum	113.8	4740.27	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

